SERSCIDA

Deliverable 5.2 of WP5

Report on Websites for Database

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Work Package 5 of the SERSCIDA project involves all final preparatory work needed to establish functional data services in the countries of Bosnia and Herzegovina, Croatia, and Serbia. This includes development of policies, procedures, and materials needed for the new data services (deliverable 5.1), as well as an operational technical system capable of data ingest, preservation, and dissemination (deliverable 5.3). It also includes the creation of websites for each new institution (see present deliverable).

Websites are an essential instrument for the new data services, even before these go into operation, since they allow for promotion of the services and tools that will soon be available. The websites will showcase the basic services and policies, and will provide useful links for the research communities in the respective countries concerning data use, data management, and best practice. The websites are all in two languages (local language and English), and therefore are accessible to both the regional and international science community.

As part of WP5, SERSCIDA project partners, led by the WP leader FORS, have combined forces to establish these new websites, including their technical features (e.g., servers, domain names, structures, access rights, content management system, etc.) and content. Toward the aim of establishing sister data services in the three countries, we have tried to keep as many visual and substantive elements as possible in common across the websites, including how the

content is organized. One element is the creation of a logo and visual identity for each country. All three visual identities were inspired by the SERSCIDA design.

Domain names

The websites are now live and can be visited and reviewed at:

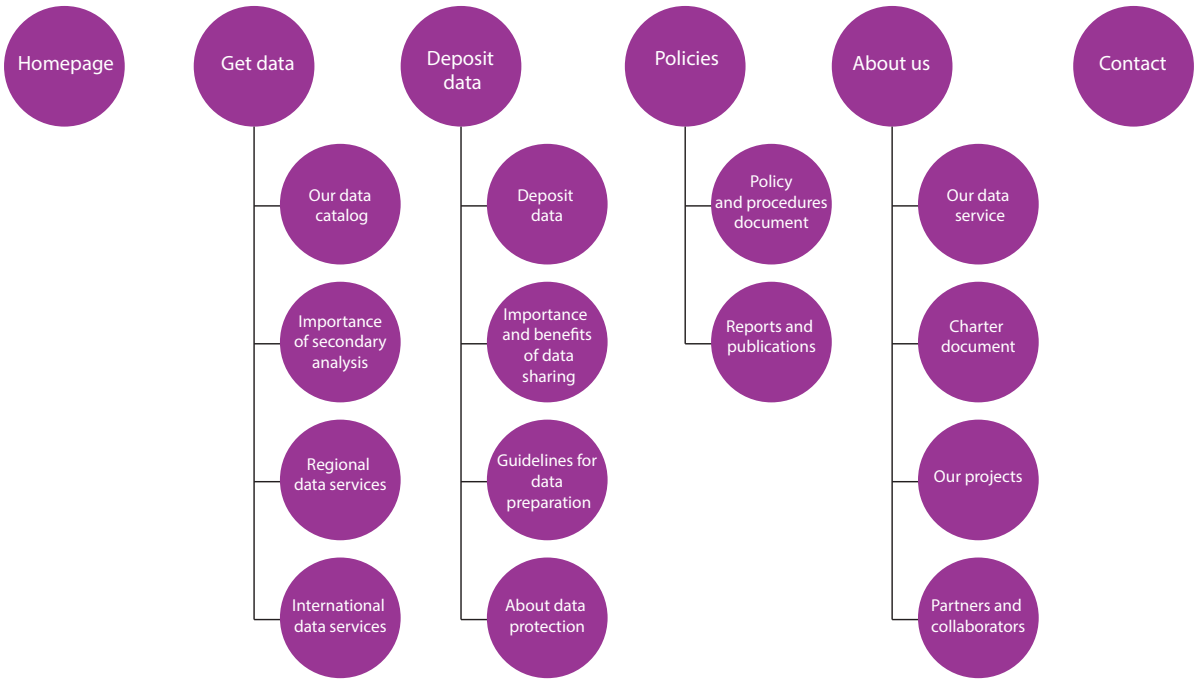
http://www.ba.serscida.eu

http://www.hr.serscida.eu

http://www.rs.serscida.eu

Website structure and content

Each website has sections on data use and data deposit, key aspects for any data service. These include guidelines and instructions for researchers interested in getting or giving data. There is another section on policies, which includes information about the nature, purpose, and principles of the services (submitted as part of SERSCIDA deliverable 5.1). This section also includes relevant reports and publications of potential interest for readers. A section about the data service itself includes the charter documents (also part of deliverable 5.1). Other useful information can be found on the websites, such as news and events, and quick-links to relevant resources. The website structure is displayed below:



Other content that is not in the website structure but is embedded in the website layout is displayed below:

Physical infrastructure

In order to host the websites, a suitable hosting infrastructure needed to be identified. For the website hosting, we decided to exploit the Virtual Private Server (VPS)[1] service, provided by the University of Zagreb University Computing Centre (Srce). This service offers redundant IT infrastructure, monitoring and backup. Software maintenance (OS etc.) will be carried out by Croatian SERSCIDA team members. We use the subdomains of the existing 'serscida.eu' internet domain for serving the three national sites. The root domain 'serscida.eu' is currently valid until 31st of May 2017. In addition to local (on-site) file and database backup, there will be a daily automatic off-site backup solution as well.

1 http://www.srce.unizg.hr/homepage/products-services/computer-resources/cloud-virtual-private-server/

All three websites were designed and implemented by the SERSCIDA team. They have a responsive design (e.g., they are optimised for all browsers, smartphones, and tablets). WordPress was used for the implementation of the websites. It is a free and open source blogging tool and content management system based on PHP and MySQL. WordPress is the most popular blogging system in use on the Web for more than 60 million websites.

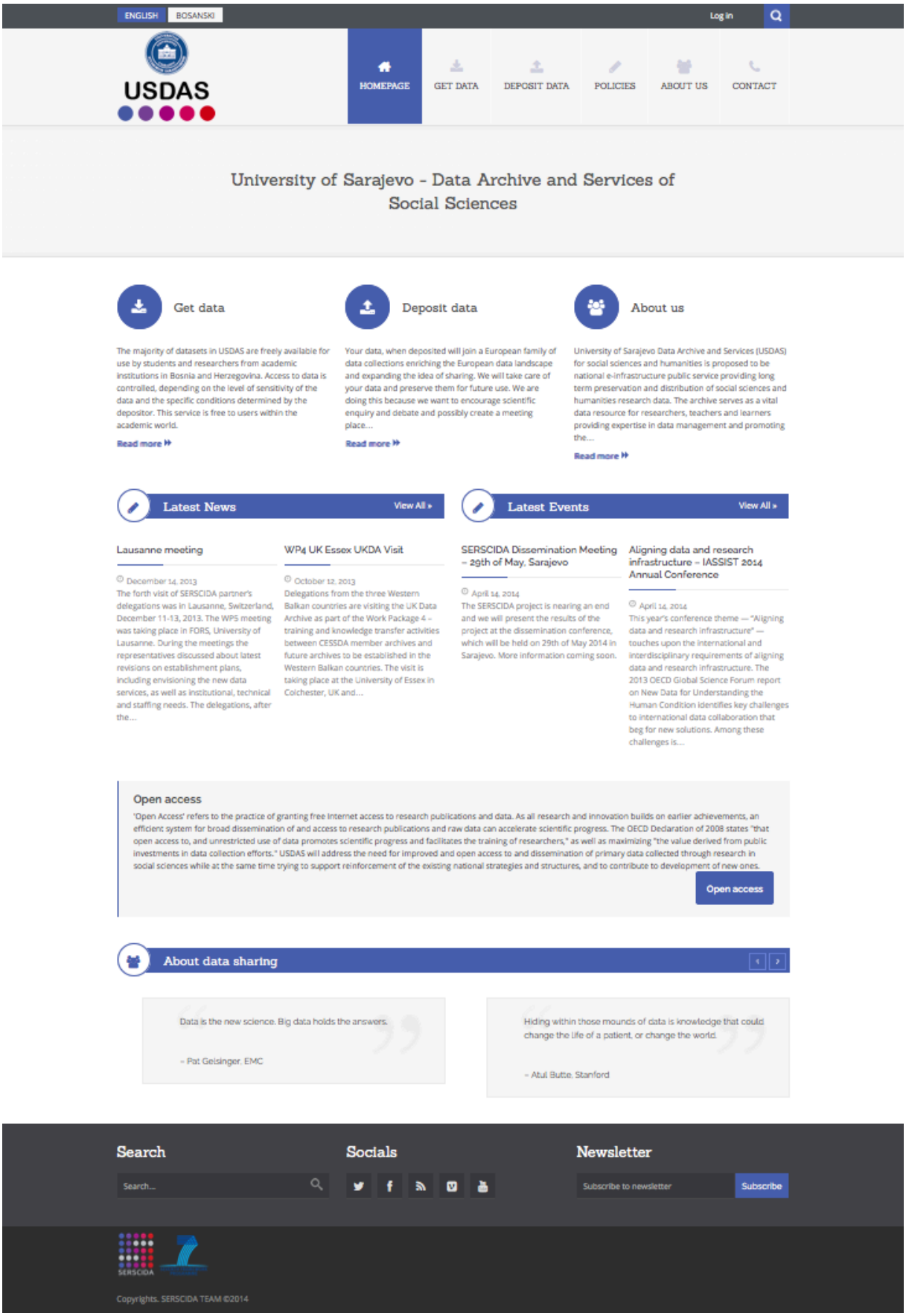
Each website has Google Analytics, a valuable tool for monitoring and tracking the efficiency of the website and providing statistics on the number of visitors, including information related to page views. It allows measurement of online traffic and helps in making further improvements on the website.

Future developments

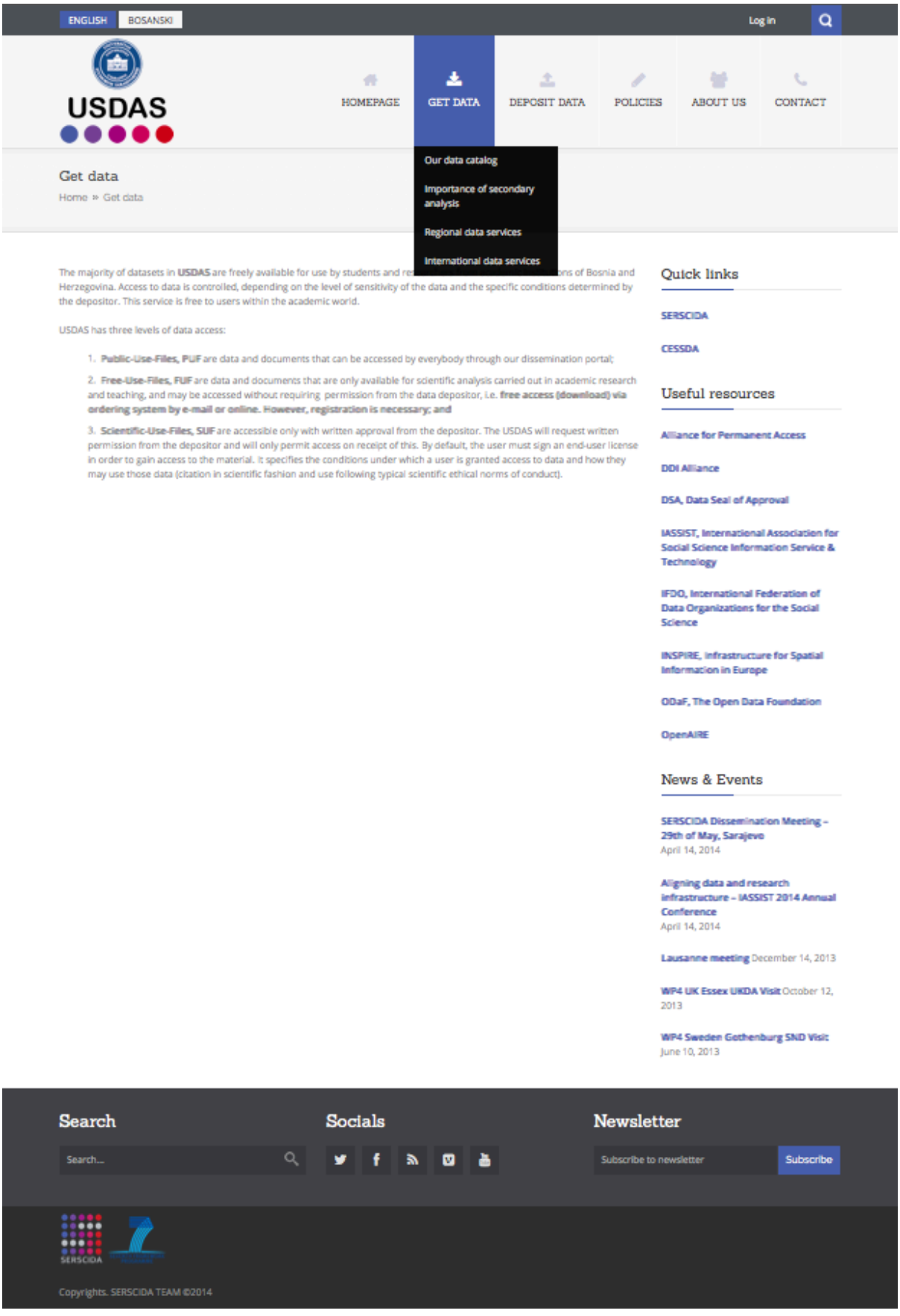
All three web sites will at this point in time be primarily used for promotional purposes. The content of the websites will be constantly updated, expanded, and enhanced. Once the data services are officially established and operational, they will be transferred to a new domain name, separate for each national data service.

Snapshots of the websites

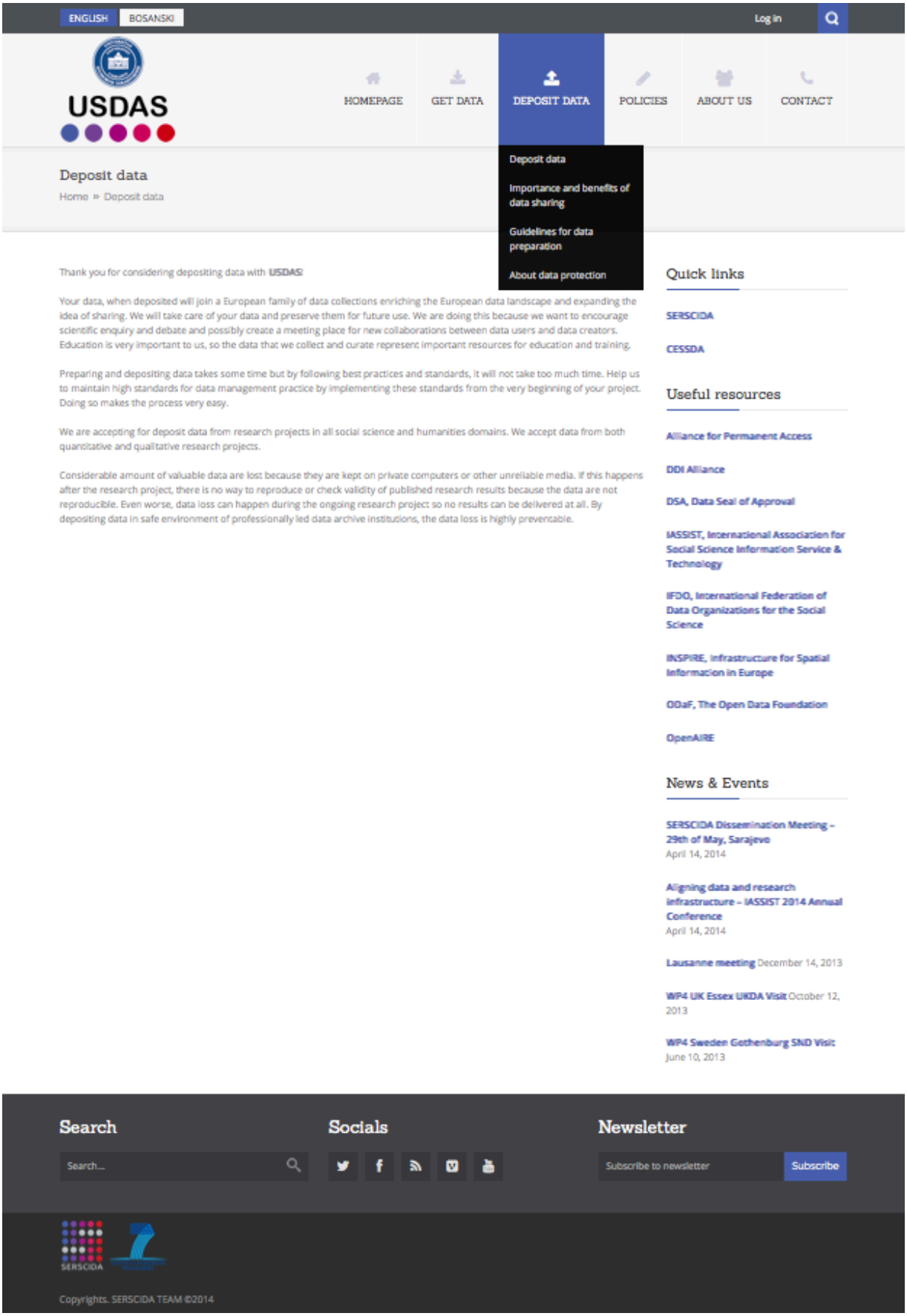
1. http://www.ba.serscida.eu



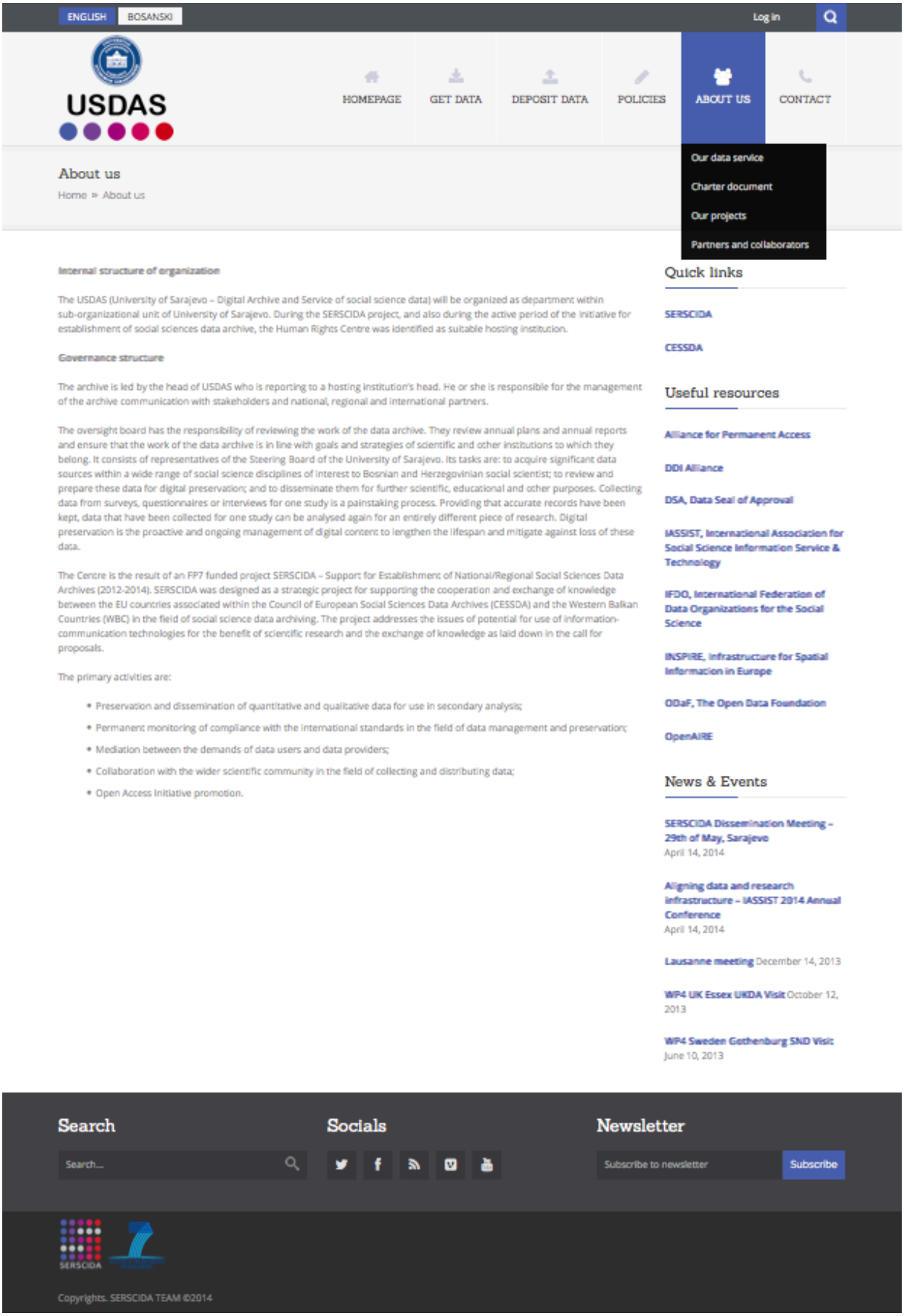
2. http://www.ba.serscida.eu/get-data/



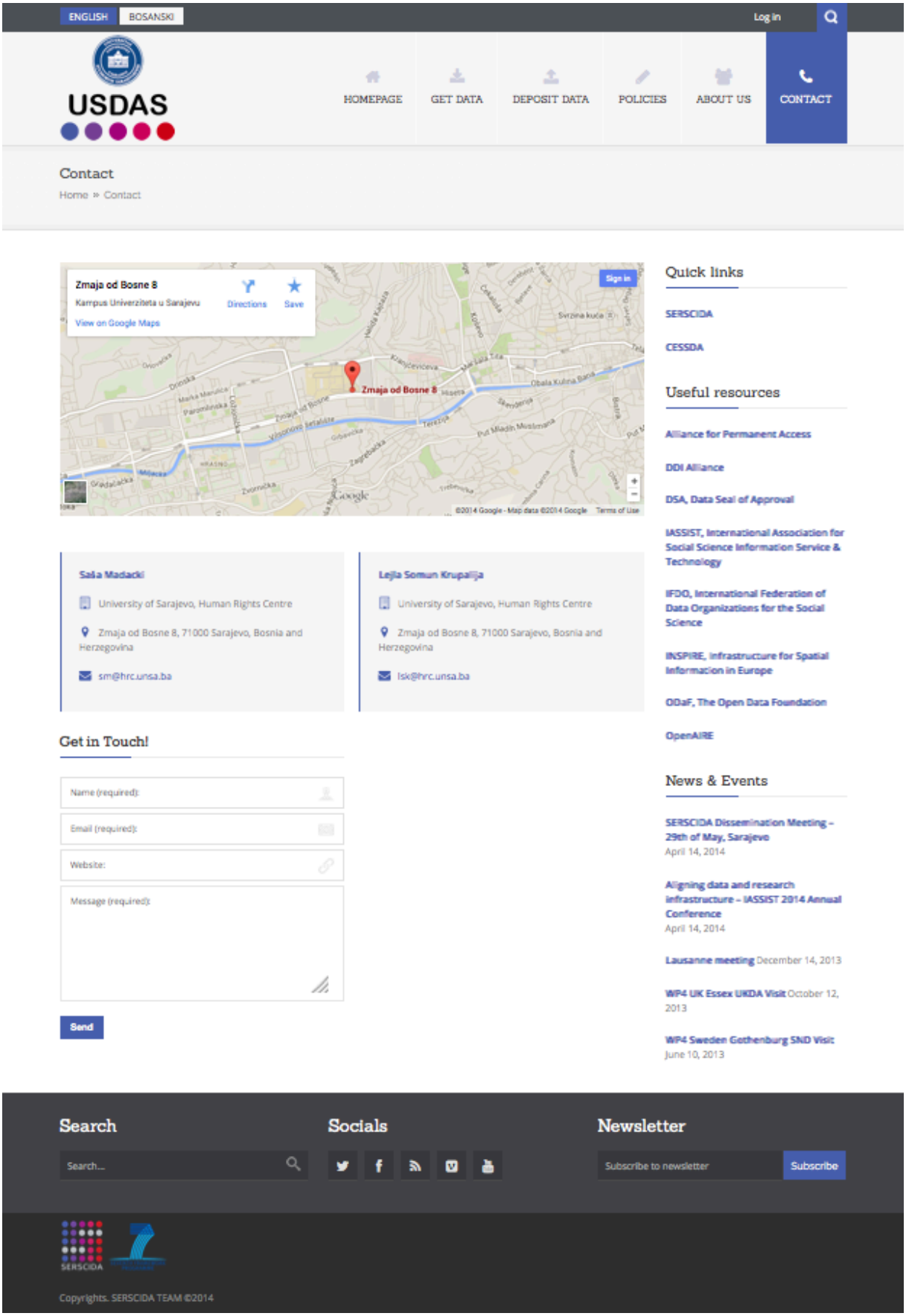
3. http://www.ba.serscida.eu/deposit-data/



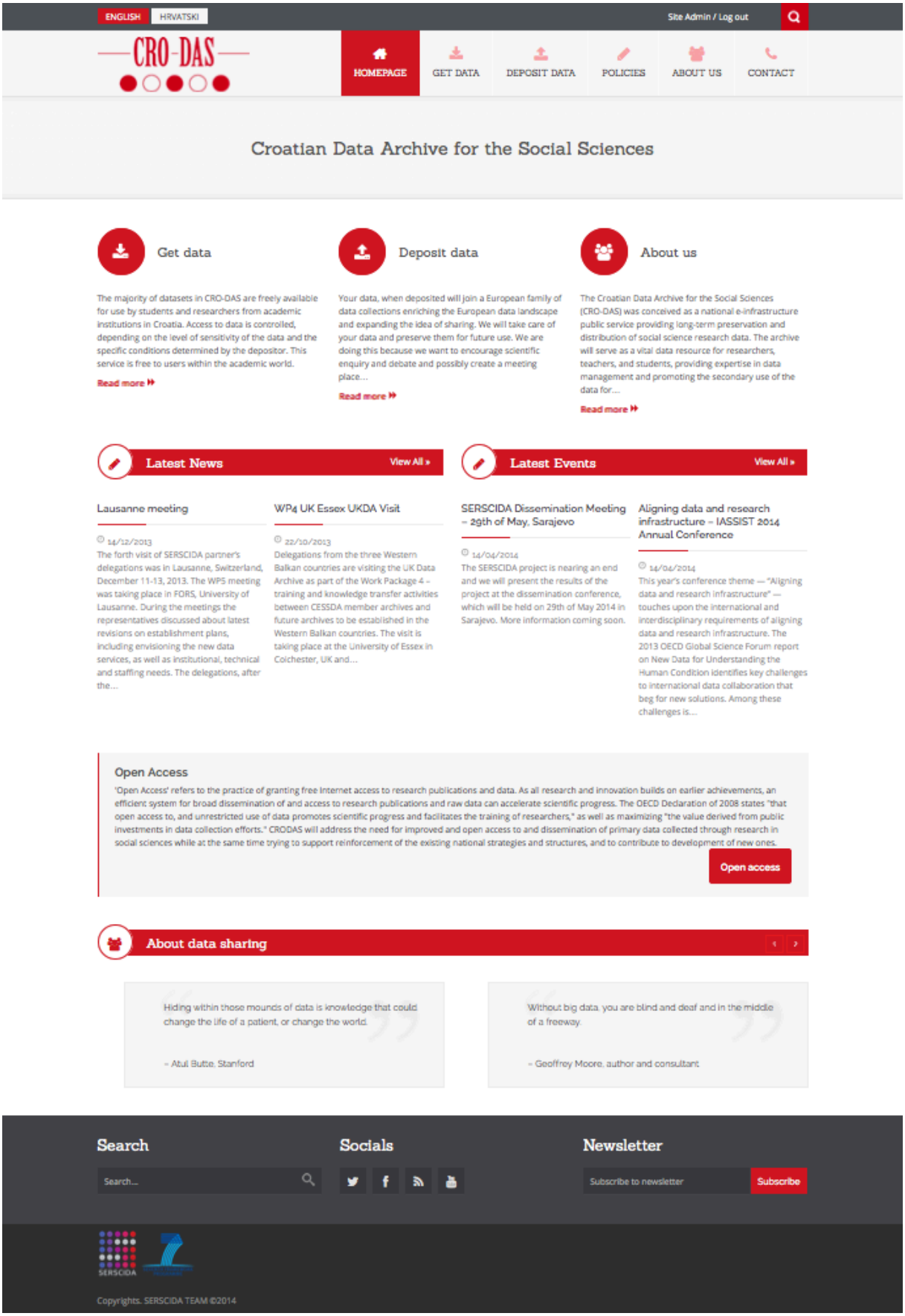
4. http://www.ba.serscida.eu/about-us/



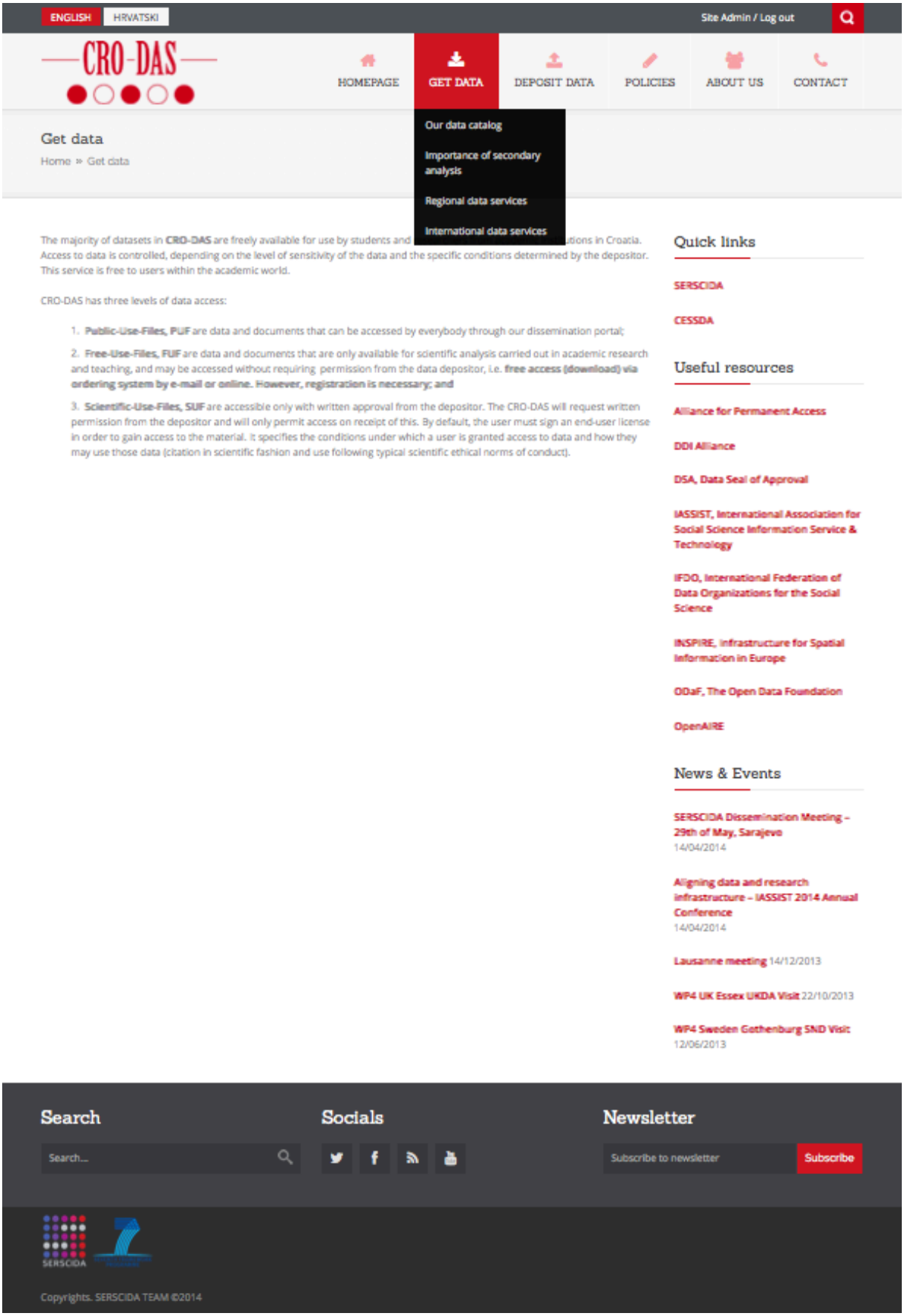
5. http://www.ba.serscida.eu/contact/



6. http://www.hr.serscida.eu



7. http://www.hr.serscida.eu/get-data/



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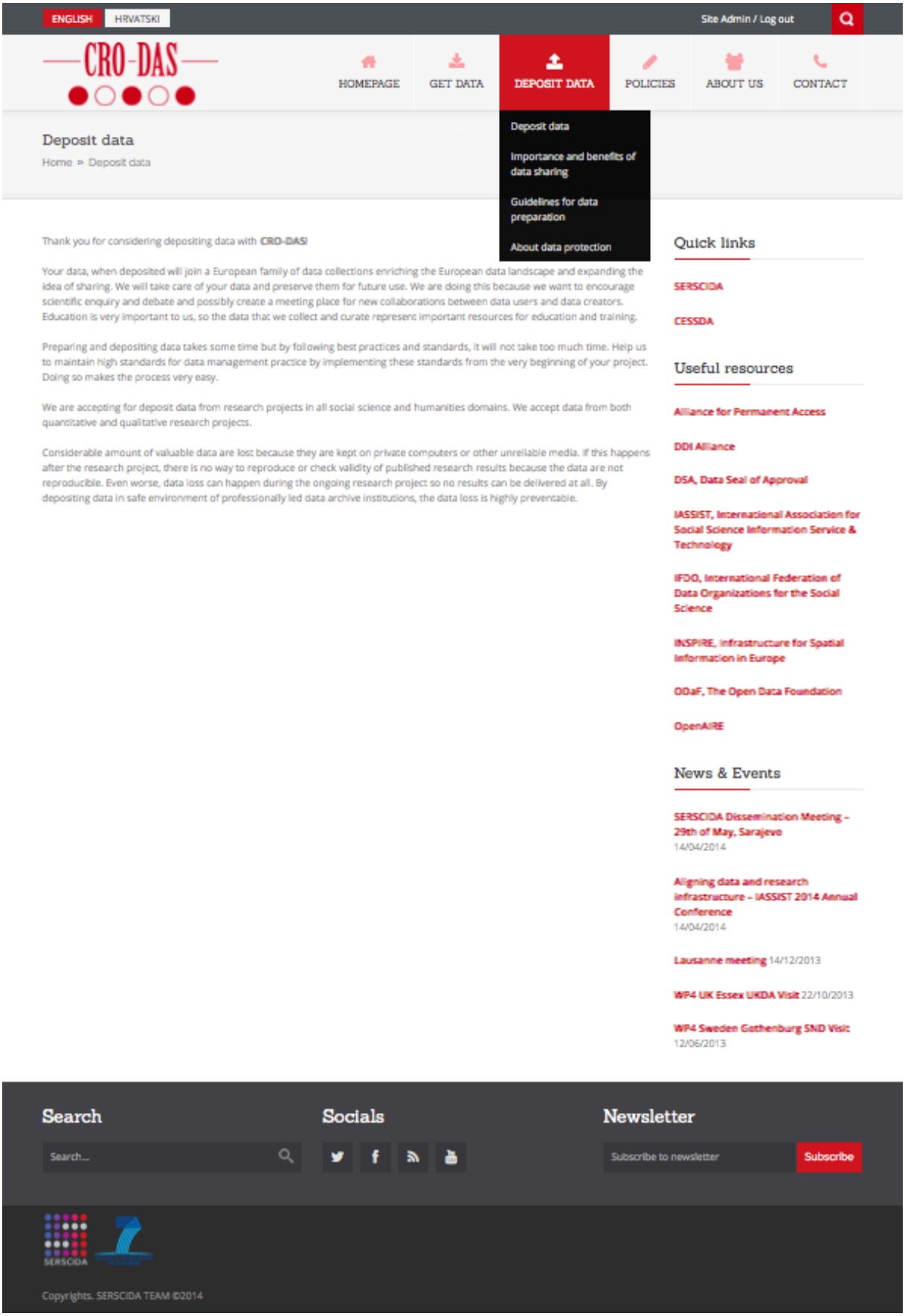
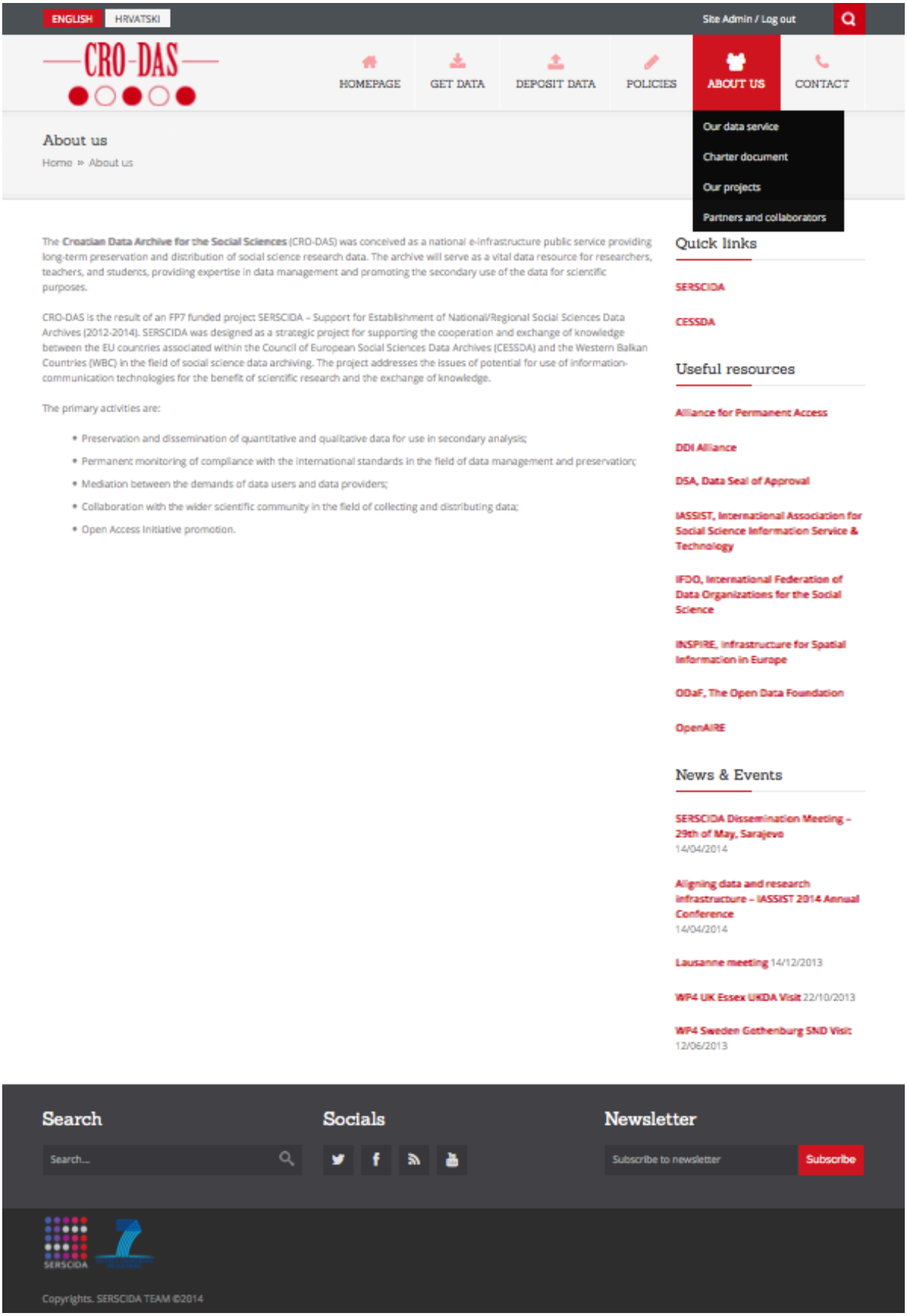


9. http://www.hr.serscida.eu/about-us/



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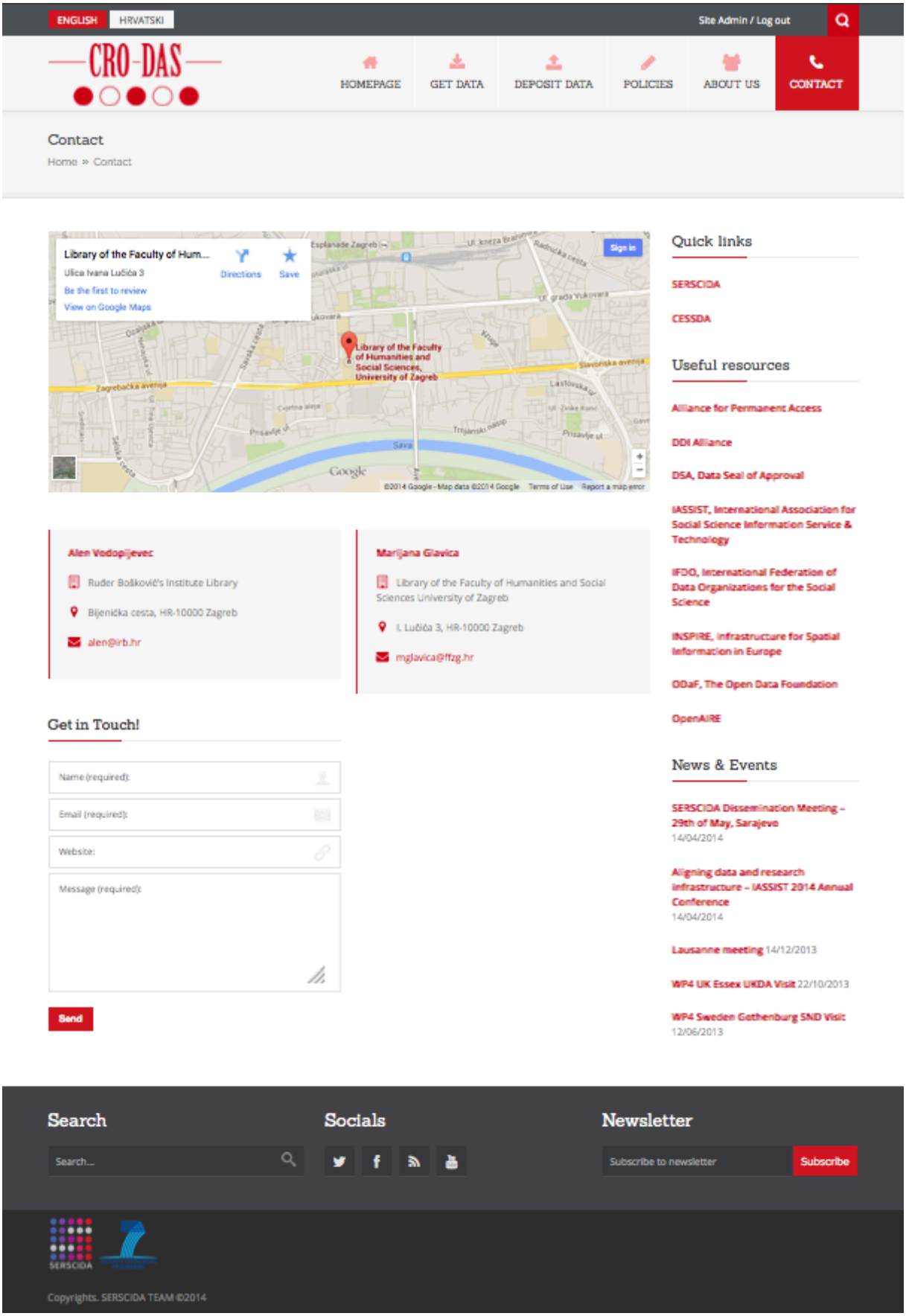
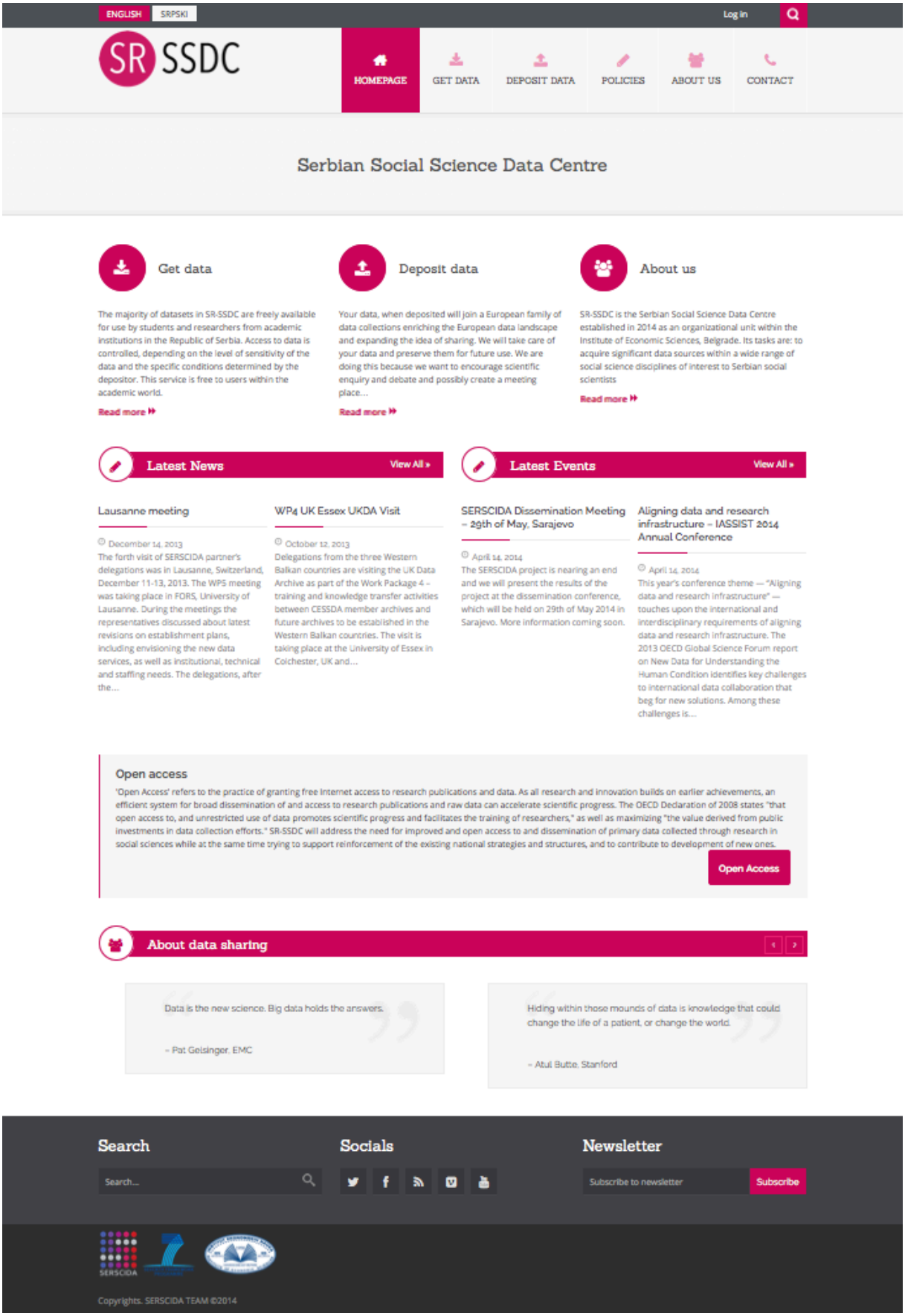
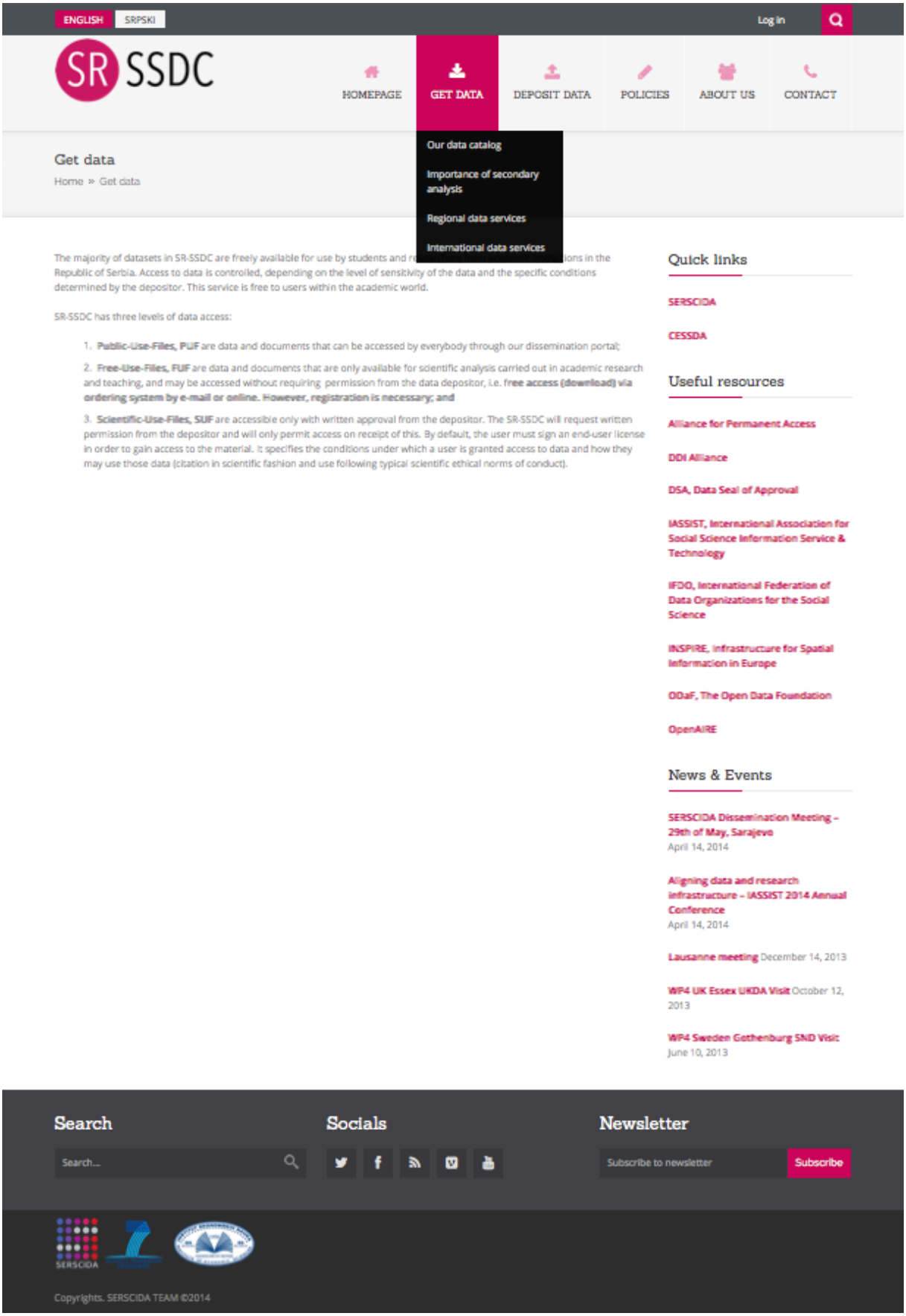


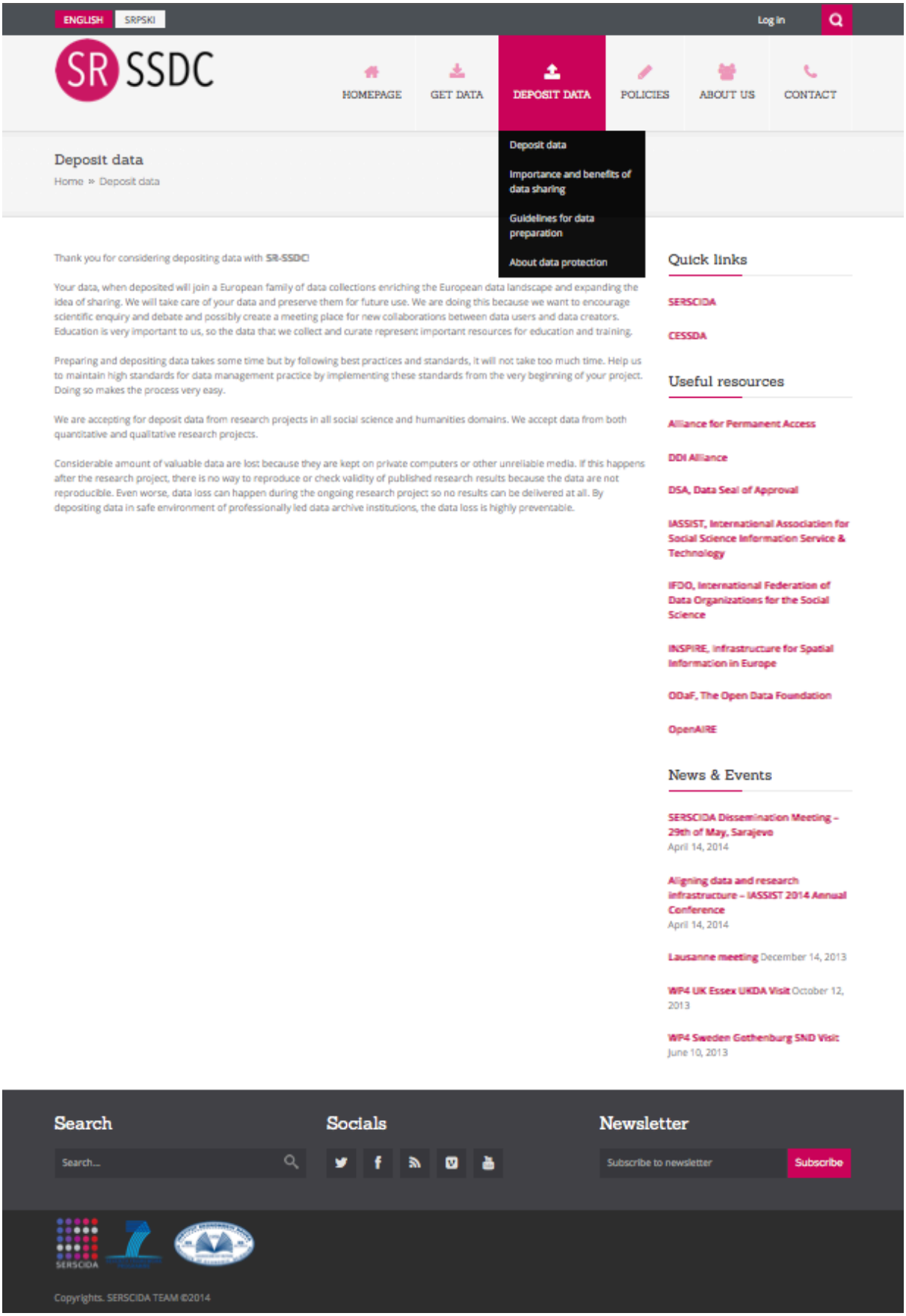
11. http://www.rs.serscida.eu/



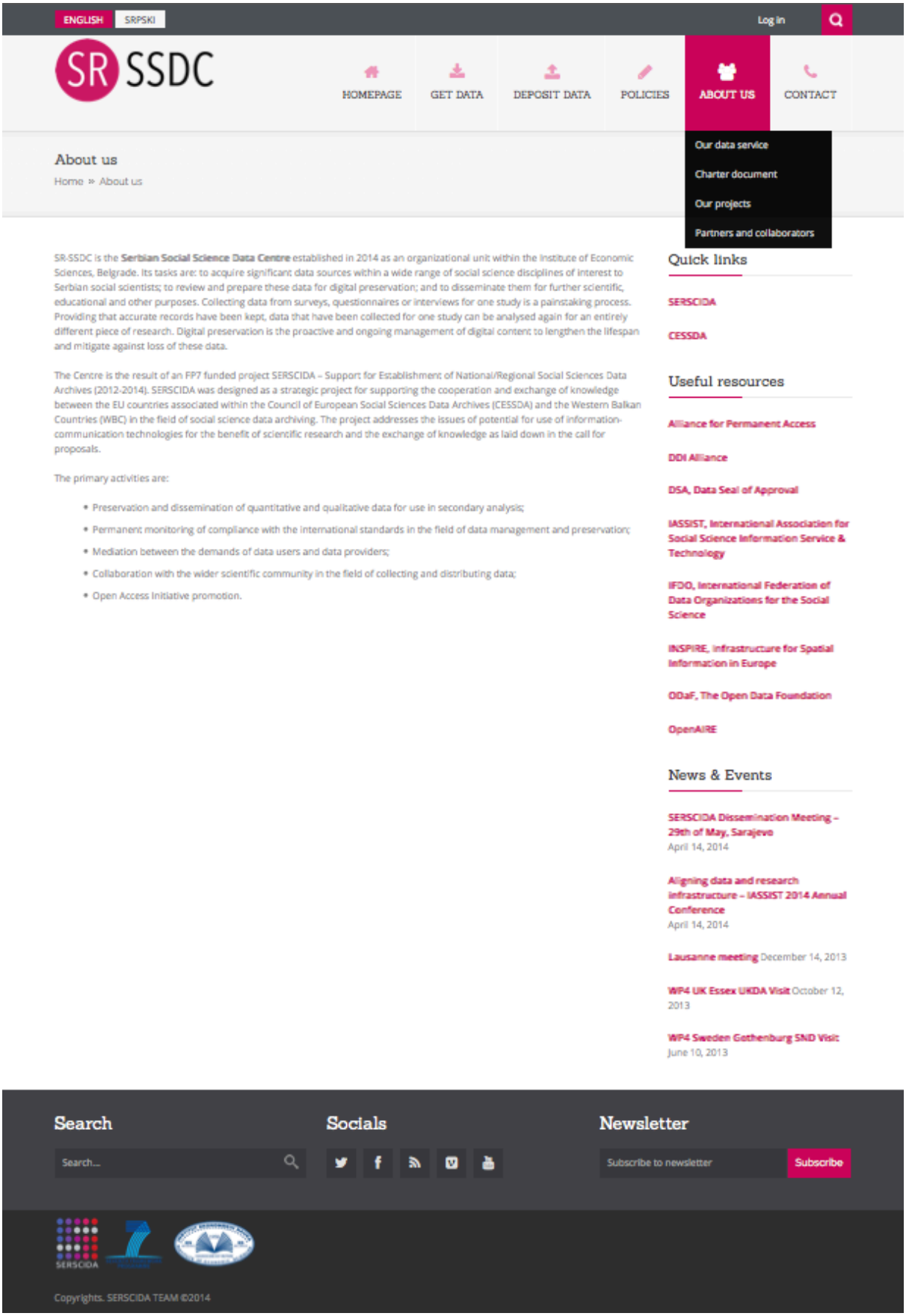
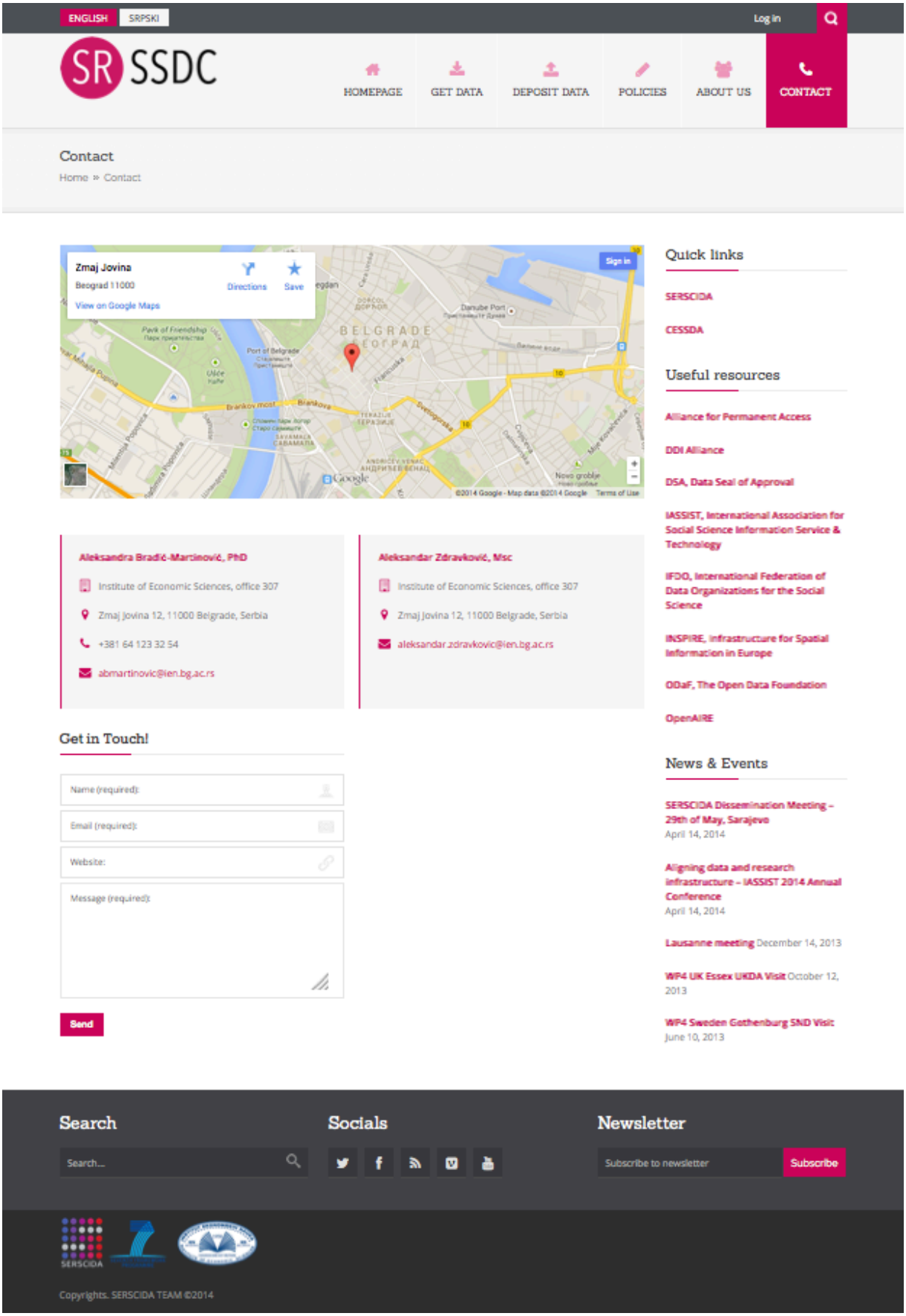
12. http://www.rs.serscida.eu/get-data/



13. http://www.rs.serscida.eu/deposit-data/



14. http://www.rs.serscida.eu/about-us/



15. http://www.rs.serscida.eu/contact/